

# PATENTTS & NPL ABSTRACTS

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Set	Items	Description
S1	35006527	EXTRACT OR REMOV? OR HARVEST? OR BIOPSY? OR BIOPSIE? ? OR SAMPLING? OR SAMPLE?? OR RESECT? OR WITHDRAW? OR COLLECT? OR

EXCIS??? OR EXCISION? OR OBTAIN??? OR (TAKE? ? OR TAKING OR  
 TOOK) ( ) (OUT)  
 S2 239194 (FETUS?? OR FOETUS?? OR FAETUS?? OR FETAL? OR FOETAL?  
 OR FAETAL? OR EMBRYO? ? OR EMBRYONIC?) (5N) (TISSUE? OR VASCULAR? OR  
 SKIN? OR FLESH? OR DERMIS? OR EPIDERM? OR DERMAL? OR SUBDERM? OR ORGAN  
 OR ORGANS)  
 S3 1060033 ABDOMEN? OR BELLY? OR ABDOMINAL? OR VENTER?  
 S4 996 (POINT? OR SHARP?) (3N) (TIP OR TIPS OR END OR ENDS OR  
 DISTAL? ( ) END?) (5N) (FLEXIB? OR ELASTOMER? OR BEND? BL? OR DEFLECT? B? OR  
 FLEXION OR FLEXURE OR FLECTION OR FLECTURE) (4N) (CANNULA? OR CANULA? OR  
 MICROCANNULA? OR MICROCANULA? OR OBTURATOR? OR LUMEN OR PIPE OR PIPING  
 OR HOSE? ? OR CONDUIT? OR TUBE? OR CANULLA? OR CANNULLA? OR CYLIND? OR  
 CHANNEL? OR PIPELI? OR PIPETTE? OR PIPET? OR DUCT? ? OR CONDUIT? ? OR  
 CHANNEL? ? OR CYLIND? OR ADJUTAG? OR FISTULA? OR SLEEVE OR SLEEVES OR  
 HOLLOW(1W) (SHAFT? ? OR MEMBER? ? OR DEVICE? ? OR INSTRUMENT? ? OR  
 PASSAGE??? OR GUARD? ?))  
 S5 1005876 MICRONEEDLE? OR MICRO( ) NEEDLE? OR NEEDLE? ? OR SYRINGE?  
 OR HYPODERM? OR INTUBAT? OR STYLUS OR STILUS OR BOUGIE? ? OR TREPHIN?  
 OR PERFORATOR? OR TROCAR?  
 S6 3930252 VACUUM? ? OR SUCTION? ? OR SUCK??? OR PUMP???  
 S7 1843631 REIMPLANT? OR RE( ) IMPLANT? OR IMPLANT?  
 S8 50487 S1 AND S2  
 S9 817 S8 AND S3  
 S10 0 S8 AND S4  
 S11 153 S4 AND S5  
 S12 0 S2 AND S4  
 S13 513 S8 AND S5  
 S14 26 S9 AND S13  
 S15 38 S13 AND S6  
 S16 7 S9 AND S6  
 S17 71 S14:S16  
 S18 53 RD (unique items)  
 S19 10 S18 AND S7  
 S20 0 S19 NOT PY>1990  
 S21 6 S18 NOT PY>1990  
 S22 38 S13 AND S7  
 S23 30 RD (unique items)  
 S24 3 S23 NOT PY>1990  
 S25 1180 S6 AND S2  
 S26 0 S25 AND S4  
 S27 28 S25 AND S3  
 S28 18 RD (unique items)  
 S29 1 S28 NOT PY>1990  
 S30 56 S25 AND S5  
 S31 40 RD (unique items)  
 S32 7 S31 NOT PY>1990  
 S33 29 S16 OR S19 OR S21 OR S24 OR S29 OR S32  
 S34 29 RD (unique items)  
 S35 15 S34 NOT PY>1990

? t s35/3,k/1-15

35/3,K/1 (Item 1 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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0002966360

WPI Acc no: 1984-049278/198408

XRAM Acc no: C1984-020808

**Non-allergic, stable, cartilage collagen antiwrinkle implant - is non-absorbable and prepd. from foetus or young animal cartilaginous tissue by maceration and grinding**

Patent Assignee: HECHMATI M (HECH-I); HECHMATI M (HECM-I)

Inventor: HECHMATI M

Patent Family ( 8 patents, 17 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1984000491	A	19840216	WO 1983FR159	A	19830728	198408	B
FR 2530955	A	19840203	FR 198213367	A	19820730	198410	E
AU 198318252	A	19840223				198419	E
EP 116579	A	19840829	EP 1983902530	A	19830928	198435	E
ES 198502613	A	19850416				198525	E
EP 116579	B	19890510	EP 1983902530	A	19830728	198919	E
DE 3379830	G	19890615				198925	E
IT 1174775	B	19870701				199027	E

Priority Applications (no., kind, date): FR 198213367 A 19820730

Patent Details								
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes			
WO 1984000491	A	FR	10	0				
National Designated States,Original	AU BR JP MC SU							
Regional Designated States,Original	AT BE CH DE FR GB LU NL SE							
EP 116579	A	FR						
Regional Designated States,Original	AT BE CH DE FR GB LI LU NL SE							
EP 116579	B	FR						
Regional Designated States,Original	AT BE CH DE FR GB LI LU NL SE							

**Non-allergic, stable, cartilage collagen antiwrinkle implant - ... ..is non-absorbable and prepd. from foetus or young animal cartilaginous tissue by maceration and grinding**  
**Original Titles:ANTI-RUNZEL IMPLANTATION ... ..ANTI WRINKLE**

**IMPLANT ... ..L'IMPLANT ANTI-RIDE... ..ANTI-RUNZEL IMPLANTATION ...  
 ...ANTI WRINKLE IMPLANT ... ..L'IMPLANT ANTI-RIDE... ..ANTI WRINKLE  
 IMPLANT Alerting Abstract** ...taken for anti-wrinkle treatment comprises cartilage  
 collagen free from biogen character, which has been **obtained** from a young growing  
 animal or an animal foetus and has been macerated and kneaded... ..Anti-wrinkle  
**implant**, which may be formulated in **syringes**, ready for direct injection (sub-cutaneous  
 or intradermal) into the wrinkles. The product is non... **Title Terms** .../Index  
 Terms/Additional Words: **IMPLANT**; **Class Codes** Original Publication Data by  
 AuthorityArgentina**Publication No. Original Abstracts:** The invention relates to  
**implants for** esthetical use, and the object thereof is a product appropriate for an  
 antiwrinkle treatment; said... .. at 9 per 1000, and has then been malaxated until an  
 homogenous injectable mixture is **obtained which** is finally presented as a sterile  
 package. The product of the invention is preferably presented in **syringes ready** to be  
 used for a direct injection in the wrinkles... .. The invention relates to **implants for**  
 esthetical **use**, and the object thereof is a product appropriate for an antiwrinkle  
 treatment; said product comprises... .. at 9 per 1000, and has then been malaxated until  
 an homogenous injectable mixture is **obtained** which is **finally** presented as a sterile  
 package. The product of the invention is preferably presented in **syringes** ready to **be**  
 used for a direct injection in the wrinkles. **Claims:**Natural tissue **implant** for carrying out  
 an anti-wrinkle treatment, characterised in that it consists of a cartilage... ..Natural tissue  
**implant** for carrying out an anti-wrinkle treatment, characterised in that it consists of a  
 cartilage...

Dialog eLink:

USPTO Full Text Retrieval Options

35/3,K/2 (Item 1 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09824634 **PMID:** 2334298

**Transplantation of human fetal dopamine cells for Parkinson's disease. Results at 1 year.**

Freed C R; Breeze R E; Rosenberg N L; Schneck S A; Wells T H; Barrett J N; Grafton S T; Huang S C; Eidelberg D; Rottenberg D A

Department of Medicine, University of Colorado Health Sciences Center, Denver 80262.

Archives of neurology ( UNITED STATES ) May 1990 , 47 (5) p505-12 , **ISSN:**

0003-9942--Print 0003-9942--Linking **Journal Code:** 0372436

Publishing Model Print

**Document type:** Case Reports; Journal Article

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

In an effort to improve the clinical signs of Parkinson's disease, we have **implanted** mesencephalic dopamine cells from a 7-week human embryo into the caudate and putamen of a 52-year-old man with Parkinson's disease. **Fetal tissue** was **obtained** from

elective abortion. The woman and the patient with Parkinson's disease were unknown to... ..positron emission tomographic scanning with 6-L[18F]fluorodopa (fluorodopa) demonstrated severe dopamine depletion bilaterally. **Fetal tissue** was matched to the patient for ABO blood antigens, and maternal serum was screened for hepatitis B and human immunodeficiency virus type 1 prior to surgery. **Fetal tissue** was **implanted** stereotactically throughout the caudate and putamen on the right side of the brain via 10 **needle** tracks. The patient was not immunosuppressed. Results 12 months after surgery showed 42% improvement in... (

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35/3,K/3 (Item 2 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09535351 **PMID:** 2670754

**[Prenatal diagnosis of a case of Hallopeau-Siemens recessive dystrophic epidermolysis bullosa].**

Diagnosi prenatale di un caso di epidermolisi bollosa distrofica recessiva di Hallopeau-Siemens.

Nazzaro V; Nicolini U; Ermacora E; Buscaglia M; Caputo R

Giornale italiano di dermatologia e venereologia - organo ufficiale, Societa italiana di dermatologia e sifilografia ( ITALY ) Jan-Feb 1989 , 124 (1-2) p1-3 , **ISSN:** 0026-4741--Print 0026-4741--Linking **Journal Code:** 8102852

Publishing Model Print

**Document type:** English Abstract; Journal Article

**Languages:** ITALIAN

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

**Fetal** dystrophic recessive **epidermolysis** bullosa of the Hallopeau-Siemens type (EBdr-HS) was prenatally diagnosed in a couple at... ..same disorder. Prenatal diagnosis was made at 18 weeks of gestation by ultrastructural examination of **fetal skin samples obtained** under continuous ultrasonic guidance. Four of the five specimens **obtained** showed dermal epidermal separation under the lamina densa with athrophic and rare anchoring fibrils and superficial collagenolysis. The parents decided to terminate the pregnancy and ultrastructural **skin** examination of the aborted **fetus**, performed in multiple sites including the scalp, trunk, **abdomen** and limbs, confirmed the diagnosis showing no regional variation in the expression of the ultrastructural... (

**Descriptors:** \***Epidermolysis** Bullosa--diagnosis--DI; \***Fetal** Diseases --diagnosis--DI; \*Prenatal Diagnosis ; **Biopsy**, **Needle**; Humans; Pregnancy; Skin--pathology--PA;

Ultrasonography

**Named Person:**

Dialog eLink: [USPTO Full Text Retrieval Options](#)

35/3,K/4 (Item 3 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09334362 **PMID:** 3254422 **Record Identifier:** PMC1191088

**Extraplacental transfer of water in the sheep.**

Anderson D F; Faber J J; Parks C M

Department of Physiology, School of Medicine, Oregon Health Sciences University,  
Portland 97201.

Journal of physiology ( ENGLAND ) Dec 1988 , 406 p75-84 , **ISSN:** 0022-3751--  
Print 0022-3751--Linking **Journal Code:** 0266262

**Contract/Grant No.:** 1R01 HD 21387; HD; NICHD NIH HHS United States; SO7 RR  
05412; RR; NCRR NIH HHS United States

Publishing Model Print; Cites J Clin Invest. 1959 Jun;38(6):971-80 PMID 13654534;  
Cites J Clin Invest. 1959 Jun;38(6):961-70 PMID 13654533; Cites Biochim Biophys  
Acta. 1958 Feb;27(2):229-46 PMID 13522722; Cites Biol Neonate. 1985;47(5):295-304  
PMID 3924128; Cites Am J Physiol. 1985 Jul;249(1 Pt 2):R133-8 PMID 4014492; Cites  
J Physiol. 1970 Mar;207(1):133-50 PMID 5503864; Cites Obstet Gynecol. 1983  
Feb;61(2):227-32 PMID 6823363; Cites Bibl Anat. 1982;(22):128-33 PMID 7126142;  
Cites Physiologist. 1979 Feb;22(1):35 PMID 375263; Cites Am J Physiol. 1977  
Oct;233(4):H466-74 PMID 910964; Cites Am J Obstet Gynecol. 1980 Nov 1;138(5):575-  
86 PMID 7425022

**Document type:** Journal Article; Research Support, U.S. Gov't, P.H.S.

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Other Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...Ten pregnant ewes were operated on at 130 days of gestation. The fetal trachea was **intubated** with a double-lumen tube, an inflatable occluder was placed around the umbilical cord, **vascular** catheters were placed in the **fetal** carotid artery and jugular vein and in the maternal jugular vein, and multiple catheters were... ...and the umbilical cord was occluded. The extrafetal fluids were circulated by means of roller **pumps**. Known activities of radio-iodinated human serum albumin, tritium-labelled water and <sup>14</sup>C-labelled urea were injected into the amniotic and/or allantoic fluids. **Samples** were **obtained** at 30 min intervals for several hours. 3. Extrafetal fluid volumes were calculated from the... (

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35/3,K/5 (Item 4 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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09095536 **PMID:** 3385273

**[A newly developed instrument of microbubble test for evaluation of fetal lung maturity].**

Asanome K; Seki M; Tsuchiya K

Department of Obstetrics and Gynecology, Gunma University School of Medicine.

Nippon Sanka Fujinka Gakkai zasshi ( JAPAN ) May 1988 , 40 (5) p527-33 , **ISSN:** 0300-9165--Print 0300-9165--Linking **Journal Code:** 7505749

Publishing Model Print

**Document type:** English Abstract; Journal Article

**Languages:** JAPANESE

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...in order to improve the diagnosis of fetal lung maturity. This instrument consists of 4 **needles** fixed at 8mm intervals and an air **pump**. Microbubbles were produced in 175 microliter of amniotic fluid placed on a slide glass by injecting 10 ml of air at 400 ml/h with an air **pump** through 22 gage **needles**. After 4 minutes, the number of stable microbubbles less than 15 um in diameter were... ..fields. When over 6 microbubbles were observed, fetal lung maturity was diagnosed as positive. 72 **samples** of amniotic fluids were tested by our method as well as the other 5 methods... (

**Descriptors:** ; **Fetal Organ** Maturity; Humans; Predictive Value of Tests; Pregnancy; Prenatal Diagnosis--methods--MT

**Named Person:**

**Dialog eLink:**

**USPTO Full Text Retrieval Options**

35/3,K/6 (Item 5 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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08813799 **PMID:** 3631496

**[Anesthesia for congenital diaphragmatic hernia].**

Anaesthesie bei angeborener Zwerchfellhernie.

Lochbuhler H

Der Anaesthetist ( GERMANY, WEST ) Jun 1987 , 36 (6) p280-4 , **ISSN:** 0003-2417--Print 0003-2417--Linking **Journal Code:** 0370525

Publishing Model Print

**Document type:** English Abstract; Journal Article

**Languages:** GERMAN

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

...postolateral hernias of the left side. The most serious postoperative complication is a relapse into **fetal** circulation with increased pulmonary **vascular** resistance and right-to-left shunting (Fig. 2). The clinical signs of diaphragmatic hernia are cyanosis and tachypnea. Intermittent **suction** via a nasogastric tube and early **intubation** without mask ventilation should be performed. The inspiratory pressure should not exceed 25 cm

H2O... (

**Dialog eLink:**

[USPTO Full Text Retrieval Options](#)

35/3,K/7 (Item 6 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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07802840 **PMID:** 6463023

**Transabdominal fine needle biopsy from chorionic villi in the first trimester.**

Smidt-Jensen S; Hahnemann N

Prenatal diagnosis ( ENGLAND ) May-Jun 1984 , 4 (3) p163-9 , **ISSN:** 0197-3851--

Print 0197-3851--Linking **Journal Code:** 8106540

Publishing Model Print

**Document type:** Journal Article; Research Support, Non-U.S. Gov't

**Languages:** ENGLISH

**Main Citation Owner:** NLM

**Record type:** MEDLINE; Completed

**Transabdominal fine needle biopsy from chorionic villi in the first trimester.**

A technique for **sampling** first trimester chorionic villi for prenatal diagnosis by transabdominal fine **needle biopsy** is described. Specimens of chorionic villi were **obtained** from 49 out of 58 women, a success rate of 84.5 per cent. No... ..or maternal complications were demonstrated in the period before abortion. The procedure is useful for **obtaining fetal tissue** for culturing, DNA analysis and direct chromosome analysis. (

**Descriptors:** \*Biopsy, Needle; \*Chorionic Villi; \*Placenta; \*Pregnancy Trimester, First ; Abdomen; Adult; Humans; Pregnancy; Ultrasonography

**Named Person:**

**Dialog eLink:**

[USPTO Full Text Retrieval Options](#)

35/3,K/8 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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08736958 **Biosis No.:** 198784091107

**ANESTHESIA FOR CONGENITAL DIAPHRAGMATIC HERNIA**

**Author:** LOCHBUEHLER H (Reprint)

**Author Address:** INST ANAESTHESIE UND REANIMATION AM KLINIKUM  
MANNHEIM, THEODOR-KUTZER-UFER, D-6800 MANNHEIM 1\*\*WEST  
GERMANY

**Journal:** Der Anaesthesist 36 ( 6 ): p 280-284 1987

**ISSN:** 0003-2417

**Document Type:** Article



**Record Type:** Abstract

**Language:** GERMAN

**Abstract:** ...postolateral hernias of the left side. The most serious postoperative complication is a relapse into **fetal** circulation with increased pulmonary **vascular** resistance and right-to-left shunting (Fig. 2). The clinical signs of diaphragmatic hernia are cyanosis and tachypnea. Intermittent **suction** via a nasogastric tube and early **intubation** without mask ventilation should be performed. The inspiratory pressure should not exceed 25 cm H2O...

**Descriptors:** ...BLOOD GASES DRUG-DRUG INTERACTION RECTAL TEMPERATURE PULMONARY VASCULAR RESISTANCE CARDIAC SHUNTING CYANOSIS TACHYPNEA NASOGASTRIC SUCTION TUBE ELECTROCARDIOGRAPHY

**Dialog eLink:**

[DSPTO Full Text Retrieval Options](#)

35/3,K/9 (Item 2 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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07346549 **Biosis No.:** 198478081956

**TRANS ABDOMINAL FINE NEEDLE BIOPSY FROM CHORIONIC VILLI IN THE 1ST TRIMESTER**

**Author:** SMIDT-JENSEN S (Reprint); HAHNEMANN N

**Author Address:** DEP GYNECOL OBSTET, AALBORG HOSP, DK-9000

AALBORG, DENMARK\*\*DENMARK

**Journal:** Prenatal Diagnosis 4 ( 3 ): p 163-170 1984

**ISSN:** 0197-3851

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

**TRANS ABDOMINAL FINE NEEDLE BIOPSY FROM CHORIONIC VILLI IN THE 1ST TRIMESTER**

**Abstract:** A technique for **sampling** 1st trimester chorionic villi for prenatal diagnosis by transabdominal fine **needle biopsy** is described. Specimens of chorionic villi were **obtained** from 49 out of 58 women, a success rate of 84.5%. No fetal or maternal complications were demonstrated in the period before abortion. The procedure is useful for **obtaining fetal tissue** for culturing, DNA analysis and direct chromosome analysis.

**Dialog eLink:**

[DSPTO Full Text Retrieval Options](#)

35/3,K/10 (Item 3 from file: 5)

06911288 **Biosis No.:** 198376002723

**POSSIBILITIES AND CONSTRAINTS IN THE REGENERATION OF TREES  
FROM COTYLEDONARY NEEDLES OF PICEA-ABIES IN-VITRO**

**Author:** BORNMAN C H (Reprint)

**Author Address:** CELL TISSUE CULT LAB, HILLESOG AB, BOX, S-261 23  
LANDSKRONA, SWED\*\*SWEDEN

**Journal:** Physiologia Plantarum 57 ( 1 ): p 5-16 1983

**ISSN:** 0031-9317

**Document Type:** Article

**Record Type:** Abstract

**Language:** ENGLISH

**POSSIBILITIES AND CONSTRAINTS IN THE REGENERATION OF TREES  
FROM COTYLEDONARY NEEDLES OF PICEA-ABIES IN-VITRO**

**Abstract:** Although use of **embryonic** or seedling **tissues** for mass clonal micropropagation in vitro in conifer reforestation programs is questionable, there is a...  
...vegetative propagation via rooted cuttings. Successive steps of the present technique are described whereby cotyledonary **needles** (secondary explants) were subcultured on a hormone-free medium after administration of cytokinin or auxin...  
...either as a short-duration (3 h), high-concentration (125 .mu.M) pulse, or by **vacuum** infiltration and incubation in a BA-containing (5 .mu.M) infusion medium. Induced adventitious shoots...  
...treatments resulted in the induction of greater numbers of adventitious buds (average of 12 per **needle**) over a 3-4 wk shorter culture period than was the case with the conventional...  
...induction program, its inclusion even at nM levels promoted histo- rather than morphogenesis. In cotyledonary **needles** to the primary explants of which BA was applied as a pulse or by infusion...  
...gave rise to the meristemoids that produced adventitious buds appeared to commence mainly in undifferentiated **hypodermal** layer cells but also in the mesophyll immediately below. Where BA was incorporated in the ...  
...could militate against easy morphogenic manipulation. The current mean ratio of regenerated plants to cotyledonary **needles** of 1:1 should be increased 10- to 20-fold to approach commercial feasibility.

**Descriptors:** RE FORESTATION BENZYL ADENINE AUXIN CYTO KININ IBA  
**HYPODERMIS MESOPHYLL**

**Dialog eLink:** [USPTO Full Text Retrieval Options](#)

35/3,K/11 (Item 4 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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0001873107 **Biosis No.:** 19684900031747

**The life cycle of Brachycoelium mesorchium Byrd, 1937 (Trematoda: Digenea: Brachycoeliinae)**

**Author:** JORDAN HELEN E; BYRD ELON E

**Author Address:** Sch. Vet. Med., Univ. Ga., Athens, Ga., USA

**Journal:** Z PARASITENK 29 ( (1) ): p 61-84 1967 1967

**Document Type:** Article

**Record Type:** Abstract

**Language:** Unspecified

**Abstract:** ...of the blood vessel's wall, strengthened by an accumulation of the host's connective **tissue** (reactive) cells. The "1st generation" **embryos** developed (in situ) into elongated, sporocyst-like organisms enclosed in a supporting layer of host... ...embryos had developed (in situ) into thick-walled, tubular organisms possessing a prominent musculo-glandular, **sucking** apparatus and had a covering of fibers and cells derived from the host's tissues... ...embryos filled most of their vesicular portions. The cercaria was tailless, and devoid of a **stylus**. On escaping from the mollusk it was completely encapsulated in mucous which sustained it for...

**Dialog eLink:**

**USPTO Full Text Retrieval Options**

35/3,K/12 (Item 1 from file: 972)

DIALOG(R)File 972: EMBASE

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0073574841 **EMBASE/MEDLINE No:** 1988035734

**Transabdominal chorionic villus sampling for fetal genetic diagnosis. Technical and obstetrical evaluation of 100 cases**

Smidt-Jensen S.; Hahnemann N.

Department of Obstetrics and Gynecology, Aalborg Hospital, Aalborg, Denmark

**Corresp. Author/Affil:** : Department of Obstetrics and Gynecology, Aalborg Hospital, Aalborg, Denmark

Prenatal Diagnosis ( PRENATAL DIAGN. ) ( United Kingdom ) February 26, 1988 , 8/1 (7-17)

**CODEN:** PRDID **ISSN:** 0197-3851

**Document Type:** Journal ; Article **Record Type:** Abstract

**Language:** English **Summary language:** English

**Transabdominal chorionic villus sampling for fetal genetic diagnosis. Technical and obstetrical evaluation of 100 cases**

First trimester fetal diagnosis was established in 100 pregnancies at risk by transabdominal chorionic villus **sampling** (TA-CVS). Forty-eight per cent of the women

were 35 years or more at the time of **sampling**. Using the double **needle** technique, both the aspiration and the diagnostic success rate were 100 per cent. The mean amount of villi aspirated was 28.2 mg (10-50 mg). The mean **needle** time was 3 min. Vaginal spotting appeared in 2 per cent of the women. Four... ..lymphocyte cultures from umbilical cord blood or heel blood from the newborn or from aborted **fetal tissue**. Transabdominal CVS is deemed a safe and easy tool for achieving chorionic villi in the...

**Medical Descriptors:**

\* **abdominal** wall; \*chorion villus **sampling**; \*echography; \* prenatal diagnosis

**Dialog eLink:** 

35/3,K/13 (Item 2 from file: 972)

DIALOG(R)File 972: EMBASE

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0050297514 **EMBASE/MEDLINE No:** 2008403077C

**Researches on the formation of the umbilical ring from the point of view of live birth and the duration of life**

Untersuchungen uber die ausbildung des nabelringes vom gesichtspunkt des lebendgeboreneins und der lebensdauer

Fazekas I.Gy.; Fazekas E.

Inst. fur Gerichtl. Med., Univ. Szeged

**Corresp. Author/Affil:** : Inst. fur Gerichtl. Med., Univ. Szeged

Deutsche Zeitschrift fur die Gesamte Gerichtliche Medizin ( Dtsch. Z. Ges. Gerichtl. Med. ) December 1, 1967 , 61/3 (117-127)

**ISSN:** 0367-0031

**Document Type:** Journal ; Article **Record Type:** Abstract

**Language:** German **Summary language:** English

...skin which, in this situation, similarly reduces the stability of the amniotic navel. The rhythmical **abdominal** wall movements associated with the respiratory movements. By the respiratory movements exerting a **suction** effect on the **abdominal** wall which is chiefly effective during expiration. Since no umbilical-ring was observed in still ...

**Medical Descriptors:**

\*

**abdominal** wall; asphyxia; autopsy; breathing mechanics; death; examination; fetus; **fetus** death; infant; inflammation; newborn death ; **skin**; **suction**; tissue; umbilicus

**Orig. Descriptors:**

**Dialog eLink:**  **USPTO Full Text Retrieval Options**

35/3,K/14 (Item 3 from file: 972)

DIALOG(R)File 972: EMBASE

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0033680258 EMBASE/MEDLINE No: 2008284685C

**A comparison between the differentiation potencies in normal, transplanted, and mutated haltere-imaginal buds of drosophila melanogaster**

Vergleich von entwicklungspotenzen in normalen, transplantierten und mutierten halteren-imaginalscheiben von drosophila melanogaster

Loosli R.

Roscoe B. Jackson Mem. Lab., Bar Harbor, ME, United States

**Corresp. Author/Affil:** Loosli R.: Roscoe B. Jackson Mem. Lab., Bar Harbor, ME, United States

Developmental biology (Print) ( Developm. Biol. ) December 1, 1959 , 1/1 (24-64)

**ISSN:** 0012-1606

**Document Type:** Journal ; Article **Record Type:** Abstract

**Language:** German **Summary language:** English

...yet pupated were transplanted to hosts 24 hr. younger. Evagination could not take place; the **implant** differentiated into a vesicle, in which in most cases the derivatives of the haltere were recognizable. Besides these normal structures, adventitious bristles (a-bristles) were differentiated. **Implants**, derived from younger donors, showed less a-bristles than those derived from older ones. The... ...the operation is performed in paraffin oil, the same a-bristles will occur in the **implant**. It was stated that the field of the a-bristles is located in the basal... ...experiments was performed in which the imaginal buds were longitudinally cut and the 2 parts **implanted** in the same host. A typical regulation could not be observed; only in a few cases pairs of structures were **obtained** (a-bristles, a small sensory organ and a reduced capitellum), but they were not of the same size. Perhaps when the donors are younger, a better regulation might be **obtained**, but at the stage used in these experiments, the different fields are already fixed. A... ...developing trachea has the potency to induce the differentiation of a stigma in the imaginal **hypodermie**. Each system is able to develop a stigma, which, however, is smaller than a normal...

**Medical Descriptors:**

\*

donor; Drosophila; **embryo**; environment; **implant**; larva; mutant; sense **organ**; trachea; transplantation; ultraviolet radiation

**Orig. Descriptors:**

Dialog eLink:

USPTO Full Text Retrieval Options

35/3,K/15 (Item 1 from file: 2)

DIALOG(R)File 2: INSPEC

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02798271

**Title:** A simple device for microdissection in the SEM

**Author(s):** Andres, F.L.<sup>1</sup>; Van der Loos, H.<sup>1</sup>; Anders, D.<sup>1</sup>

**Affiliation(s):**

<sup>1</sup> Inst. of Anatomy, Univ. of Lausanne, Lausanne, Switzerland

**Journal:** Scanning , vol.4 , no.2 , pp.83-90

**Country of Publication:** West Germany

**Publication Date:** 1981

**ISSN:** 0161-0457

**ISSN Type:** print

**CODEN:** SCNNDF

**Language:** English

**Subfile(s):** A (Physics)

**INSPEC Update Issue:** 1982-002

**Copyright:** 1982, IEE

**Abstract:** ...specimen during observation in the scanning electron microscope (SEM) has been developed. An electropolished tungsten **microneedle**, fixed to a simple holder, is inserted into the **vacuum** chamber. Its initial position is set from the outside while the fine displacements required to... ..far, the technique has been applied to the topography of the developing mouse muzzle, to **embryonic skin**, to the ingrowth of sensory root fibres into the neural tube, to the ensemble of...

**Identifiers:** electropolished W **microneedle**; microdissection; biological specimen; scanning electron microscope; **vacuum** chamber; step-by-step three-dimensional analysis

# NPL FULL-TEXT

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File 129:PHIND(Archival) 1980-2011/May W1  
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## ? ds

Set	Items	Description
S1	14134637	EXTRACT OR REMOV? OR HARVEST? OR BIOPSY? OR BIOPSIE? ? OR SAMPLING? OR SAMPLE?? OR RESECT? OR WITHDRAW? OR COLLECT? OR EXCIS??? OR EXCISION? OR OBTAIN??? OR (TAKE? ? OR TAKING OR TOOK) ( ) (OUT)
S2	15926	(FETUS?? OR FOETUS?? OR FAETUS?? OR FETAL? OR FOETAL? OR FAETAL? OR EMBRYO? ? OR EMBRYONIC?) (5N) (TISSUE? OR VASCULAR? OR SKIN? OR FLESH? OR DERMIS? OR EPIDERM? OR DERMAL? OR SUBDERM? OR ORGAN OR ORGANS)
S3	201374	ABDOMEN? OR BELLY? OR ABDOMINAL? OR VENTER?
S4	54	(POINT? OR SHARP?) (3N) (TIP OR TIPS OR END OR ENDS OR DISTAL? ( ) END?) (5N) (FLEXIB? OR ELASTOMER? OR BEND?BL? OR DEFLECT?B? OR

FLEXION OR FLEXURE OR FLECTION OR FLECTURE) (4N) (CANNULA? OR CANULA? OR MICROCANNULA? OR MICROCANULA? OR OBTURATOR? OR LUMEN OR PIPE OR PIPING OR HOSE? ? OR CONDUIT? OR TUBE? OR CANULLA? OR CANNULLA? OR CYLIND? OR CHANNEL? OR PIPELI? OR PIPETTE? OR PIPET? OR DUCT? ? OR CONDUIT? ? OR CHANNEL? ? OR CYLIND? OR ADJUTAG? OR FISTULA? OR SLEEVE OR SLEEVES OR HOLLOW(1W) (SHAFT? ? OR MEMBER? ? OR DEVICE? ? OR INSTRUMENT? ? OR PASSAGE??? OR GUARD? ?))

S5 242306 MICRONEEDLE? OR MICRO()NEEDLE? OR NEEDLE? ? OR SYRINGE? OR HYPODERM? OR INTUBAT? OR STYLUS OR STILUS OR BOUGIE? ? OR TREPHIN? OR PERFORATOR? OR TROCAR?

S6 1170410 VACUUM? ? OR SUCTION? ? OR SUCK??? OR PUMP???

S7 326398 REIMPLANT? OR RE()IMPLANT? OR IMPLANT?

S8 1302 S1(10N)S2

S9 5 S8(10N)S3

S10 54 S2(10N)S3

S11 0 S8(10N)S4

S12 11 S8(10N)S5

S13 5 S8(10N)S6

S14 26 S8(10N)S7

S15 94 S9:S14

S16 81 RD (unique items)

S17 558 S2(10N)S7

S18 1 S17(10N)S3

S19 3 S17(10N)S5

S20 15 S16 NOT PY>1990

S21 59 TRANSABDOMINAL? (2N)CHORIONIC? (2N)VILLUS?

S22 7 S21 NOT PY>1990

S23 20 S20 OR S22

? t s23/3,k/1-20

23/3,K/1 (Item 1 from file: 16)  
 DIALOG(R)File 16: Gale Group PROMT(R)  
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01202918 **Supplier Number:** 41382538

### **The Tiniest Patients**

Newsweek , p 56

June 11 , 1990

**Language:** English **Record Type:** Abstract

**Document Type:** Magazine/Journal ; General

### **Abstract:**

...team led by Dr M Harrison of UCSF, involved opening up the chest of the **fetus** and repositioning **abdominal organs** back into the **abdomen**. Gore-Tex was then used to patch up the hernia. The abdomen was expanded to...



23/3,K/2 (Item 1 from file: 160)  
DIALOG(R)File 160: Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rights reserved.

02949219

### **Diasonics - Product Specifications**

Annual Report 00, 1989 p. 0  
...of ultrasonic evaluations with superior diagnostic capability.  
SPECTRA  
provides advanced, high-resolution sector imaging for **abdominal**,  
obstetrical, and gynecological studies as well as linear imaging for  
**fetal** assessment and peripheral **vascular** exams. Endocavity  
probes permit state-of-the-art prostate and pelvic scanning.  
Study of blood...

23/3,K/3 (Item 2 from file: 160)  
DIALOG(R)File 160: Gale Group PROMT(R)  
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01937949

### **Chinese treat epilepsy with brain tissue**

New Scientist May 5, 1988 p. 23  
**ISSN:** 0028-6664  
China: Surgeons claim to have successfully treated epilepsy with a  
transplant of **fetal** brain **tissue** at the Tongii Medical U  
Hospital (Wuhan City). The surgeons **removed** the front third of each  
temporal lobe and **implanted** fetal temporal cortex. The 19-yr old  
patient, who had fallen from a cradle at...

23/3,K/4 (Item 3 from file: 160)  
DIALOG(R)File 160: Gale Group PROMT(R)  
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01326347

### **New fetal biopsy method reduces complication rate.**

MEDICAL WORLD NEWS March 10, 1986 p. 79  
United Kingdom: **Chorionic villus** sampling performed

**transabdominally** rather than transcervically may reduce the complication rate, according to obstetricians at University College Hospital...

23/3,K/5 (Item 1 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2011 Gale/Cengage. All rights reserved.

04643391   **Supplier Number:** 09260723  
**Spontaneous abortion rate and advanced maternal age: consequences for prenatal diagnosis.**

Cohen-Overbeek, T.E.; Hop, W.C.J.; den Ouden, M.; Pijpers, L.; Jahoda, M.G.J.; Wladimiroff, J.W.  
Lancet , v336 , n8706 , p27(3)  
July 7 , 1990  
ISSN: 0099-5355  
**Language:** ENGLISH  
**Record Type:** ABSTRACT

**Abstract:** ...that gives rise to the placenta, the chorionic villus. The placenta is the bed of **tissue** that nourishes the **fetus** during pregnancy. A **sample** of chorionic villus is taken by inserting a **needle** through the abdominal wall and into the uterus. The procedure is called **transabdominal chorionic villus** sampling (TA-CVS). Because the risk of genetic disease in infants rises as a woman...

**Abstract:**

23/3,K/6 (Item 2 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2011 Gale/Cengage. All rights reserved.

03160626   **Supplier Number:** 04780647 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Life of Bruce Thomas, product manager for Toshiba Medical Systems, is saved when he tests Toshiba's new ultrasound system, SSA-100, on himself.**

PR Newswire , FNS8  
April 27 , 1987  
**Language:** ENGLISH  
**Record Type:** FULLTEXT

**Word Count:** 572   **Line Count:** 00045

...a very sophisticated piece of equipment that has myriad capabilities.  
It's possible to do **abdominal**, **fetal**, deep **vascular** and, most pertinent to Thomas, peripheral probes. This state-of-the-art product, with the...

23/3,K/7 (Item 3 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2011 Gale/Cengage. All rights reserved.

02202923    **Supplier Number:** 03385165 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Microsurgery to transform health care according to Dr. Sebastian Arena.**

PR Newswire , NYPR2  
Aug 8 , 1984  
**Language:** ENGLISH  
**Record Type:** FULLTEXT  
**Word Count:** 679    **Line Count:** 00062

**Text:**

PITTSBURGH, Aug. 8 /PRNewswire/ -- Within 15 years, microsurgeons will be able to **remove**, repair and **reimplant** an individual's own **organs, fetuses** will be operated on in utero, and men and women will have their fertility turned...

23/3,K/8 (Item 1 from file: 149)  
DIALOG(R)File 149: TGG Health&Wellness DB(SM)  
(c) 2011 Gale/Cengage. All rights reserved.

01235133    **Supplier Number:** 08543421 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Grafts of fetal dopamine neurons survive and improve motor function in Parkinson's disease.**

Lindvall, Olle; Brundin, Patrik; Widner, Hakan; Rehncrona, Stig; Gustavii, Bjorn; Frackowiak, Richard; Leenders, Klaus L.; Sawle, Guy; Rothwell, John C.; Marsden, C. David; Bjorklund, Anders  
Science , v247 , n4942 , p574(4)  
Feb 2 ,  
1990

**Publication Format:** Magazine/Journal  
ISSN: 0036-8075  
**Language:** English  
**Record Type:** Fulltext; Abstract    **Target Audience:** Academic  
**Word Count:** 2918    **Line Count:** 00265

...prednisolone was used [H. Brynger et al., Transplant. Proc. 20 (supp. 3), 261 (1988)].

[9] **Tissue** was procured from four **fetuses** **obtained** at routine **suction** abortions, with informed consent from the women and with approval by the Research Ethical Committee...

23/3,K/9 (Item 2 from file: 149)  
DIALOG(R)File 149: TGG Health&Wellness DB(SM)  
(c) 2011 Gale/Cengage. All rights reserved.

01230858   **Supplier Number:** 08232473 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Prenatal testing: the newest options.**

Kaplan, Janice  
Working Woman , v15 , n1 , p134(3)  
Jan ,  
1990

**Publication Format:** Magazine/Journal  
ISSN: 0145-5761

**Language:** English

**Record Type:** Fulltext **Target Audience:** Consumer

**Word Count:** 1809 **Line Count:** 00175

...have two ultrasounds during pregnancy.

The ultrasoun transducer that is passed over the woman's **belly** produces sound waves that bounce off the **fetus**'s bones and **tissues** and that can be pictured on a black-and-white television monitor. Simple ultrasound equipment...extremely rare and generally fatal hereditary skin disorders. Using ultrasound guidance, the surgeon inserts a **needle** into the amniotic sac and takes a tiny **sample** of **fetal skin**. the **skin** fragments also may be used to do genetic tests, but because of the invasiveness of...

23/3,K/10 (Item 3 from file: 149)  
DIALOG(R)File 149: TGG Health&Wellness DB(SM)  
(c) 2011 Gale/Cengage. All rights reserved.

01227638   **Supplier Number:** 08982472  
**Retrohepatic vena cava reconstruction with polytetrafluoroethylene graft.**

Risher, William H.; Arensman, Robert M.; Ochsner, John L.; Hollier, Larry H.  
Journal of Vascular Surgery , v12 , n3 , p367(4)  
Sept ,  
1990

**Publication Format:** Magazine/Journal  
ISSN: 0741-5214

**Language:** English

**Record Type:** Abstract **Target Audience:** Professional

**Abstract:** ...surgery to remove the right lobe of the liver because of hepatoblastoma (a tumor of **embryonic** liver **tissue**). Subsequent CT scan of the **abdomen** revealed that the right lobe of the liver had been replaced by a large vascular...

**Abstract:**

23/3,K/11 (Item 4 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01224427 **Supplier Number:** 09307101

**Should abdominal compression be consigned to the history books?**

Hofmeyr, G.J.

British Journal of Obstetrics and Gynecology , v97 , n6 , p467(3)

June ,

1990

**Publication Format:** Magazine/Journal

ISSN: 0306-5456

**Language:** English

**Record Type:** Abstract **Target Audience:** Professional

**Abstract:** ...to more forward. This technique is thought to improve blood flow through the placenta, the **organ** of **fetal** nutrition. Studies performed in the early 1960s suggested that **abdominal** decompression maneuvers could improve fetal growth and promote intellectual development. Intelligence was tested children at...

**Abstract:**

23/3,K/12 (Item 5 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01210768 **Supplier Number:** 09264400

**Direct analysis of uncultured cytotrophoblastic cells from second- and third-trimester placentas: an accurate and rapid method for detection of fetal chromosome abnormalities.**

Shulman, Lee P.; Tharapel, Avirachan T.; Meyers, Carole M.; Phillips, Owen P.;

Simpson, Joe Leigh; Elias, Sherman

American Journal of Obstetrics and Gynecology , v163 , n5(1-2) , p1606(4)

Nov ,

1990

**Publication Format:** Magazine/Journal

ISSN: 0002-9378

**Language:** English

**Record Type:** Abstract **Target Audience:** Professional

**Abstract:** One method of prenatal chromosomal analysis is **transabdominal chorionic villus** sampling, in which small amounts of rapidly dividing fetal tissue are removed from the uterus... ..pregnancy termination impossible. More data concerning the accuracy and safety of second- and third-trimester **transabdominal chorionic villus** sampling are needed before the procedure can be used widely. (Consumer Summary produced by Reliance...

**Abstract:**

23/3,K/13 (Item 6 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01210700 **Supplier Number:** 09029446

**Infants of diabetic mothers with accelerated fetal growth by ultrasonography: are they all alike?**

Keller, James D.; Metzger, Boyd E.; Dooley, Sharon L.; Tamura, Ralph K.; Sabbagha, Rudy E.; Freinkel, Norbert

American Journal of Obstetrics and Gynecology , v163 , n3 , p893(5)

Sept ,

1990

**Publication Format:** Magazine/Journal

ISSN: 0002-9378

**Language:** English

**Record Type:** Abstract **Target Audience:** Professional

**Abstract:** ...most sensitive to insulin, such as the liver, muscle, and fat, grow more than insensitive **tissues** (brain, bone). **Fetal** macrosomia is identified by accelerated growth in the fetal **abdominal** circumference, which reflects the growth of the insulin-sensitive tissue in that region. However, other...

**Abstract:**

23/3,K/14 (Item 7 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01210485 **Supplier Number:** 08894655

**Cytogenetic results of chorionic villus sampling: high success rate and diagnostic accuracy in the United States collaborative study.**

Ledbetter, David H.; Martin, Alice O.; Verlinsky, Yury; Pergament, Eugene; Jackson,

Laird; Yang-Feng, Teresa; Schonberg, Steven A.; Gilbert, Fred; Zachary, Julia M.; Barr, Marie; Copeland, Karen L.; DiMaio, Miriam S.; Fine, Beth; Rosinsky, Barbara; Schuette, Jane; Cruz, Felix F. de la; Desnick, Robert J.; Elias, Sherman; Golbus, Mitchell S.; Goldberg, James D.

American Journal of Obstetrics and Gynecology , v162 , n2 , p495(7)

Feb ,

1990

**Publication Format:** Magazine/Journal

ISSN: 0002-9378

**Language:** English

**Record Type:** Abstract **Target Audience:** Professional

**Abstract:** ...to the sampling area. This can be performed either through the cervix or through the **abdomen**. A **sample** of the **fetal tissue** is **removed** and analyzed. The currently preferred method of prenatal diagnosis, amniocentesis, removes a small sample the...

**Abstract:**

23/3,K/15 (Item 8 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01208448 **Supplier Number:** 09260723

**Spontaneous abortion rate and advanced maternal age: consequences for prenatal diagnosis.**

Cohen-Overbeek, T.E.; Hop, W.C.J.; den Ouden, M.; Pijpers, L.; Jahoda, M.G.J.; Wladimiroff, J.W.

The Lancet , v336 , n8706 , p27(3)

July 7 ,

1990

**Publication Format:** Magazine/Journal

ISSN: 0099-5355

**Language:** English

**Record Type:** Abstract **Target Audience:** Professional

**Abstract:** ...inserting a needle through the abdominal wall and into the uterus. The procedure is called **transabdominal chorionic villus** sampling (TA-CVS). Because the risk of genetic disease in infants rises as a woman...

**Abstract:**

23/3,K/16 (Item 9 from file: 149)

DIALOG(R)File 149: TGG Health&Wellness DB(SM)

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01163175    **Supplier Number:** 08303717

**Integration of the transabdominal technique into a ongoing chorionic villus sampling program.**

Copeland, Karen L.; Carpenter, Robert J.; Fenolio, Kurt R.; Ledbetter, David H.  
American Journal of Obstetrics and Gynecology , v161 , n5 , p1289(6)  
Nov ,  
1989

**Publication Format:** Magazine/Journal

ISSN: 0002-9378

**Language:** English

**Record Type:** Abstract   **Target Audience:** Professional

**Integration of the transabdominal technique into a ongoing chorionic villus sampling program.**

**Abstract:** ...prenatal diagnosis, amniocentesis, performed in the second three months of pregnancy. The most common CVS **sampling** technique, transcervical aspiration **removes fetal tissue** through the cervical opening of the uterus. Another CVS method **samples fetal tissue** through the **abdomen**, transabdominal aspiration. In both techniques ultrasound, the use of high frequency sound to visualize internal...

**Abstract:**

23/3,K/17 (Item 10 from file: 149)  
DIALOG(R)File 149: TGG Health&Wellness DB(SM)  
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01162950    **Supplier Number:** 07923441

**Ectopic tubal pregnancy treated by operative laparoscopy.**

Henderson, Simon R.  
American Journal of Obstetrics and Gynecology , v160 , n6 , p1462(5)  
June ,  
1989

**Publication Format:** Magazine/Journal

ISSN: 0002-9378

**Language:** English

**Record Type:** Abstract   **Target Audience:** Professional

**Abstract:** ...Laparoscopy, a surgical technique where a tube is inserted into a small opening in the **abdomen** to visualize internal structures, can be used to **remove** these **fetal tissues**. Hospital stays and operating times are less than those of exploratory abdominal surgery. The laparoscopic...

**Abstract:**



23/3,K/18 (Item 11 from file: 149)  
DIALOG(R)File 149: TGG Health&Wellness DB(SM)  
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01120271    **Supplier Number:** 05076318 (USE FORMAT 7 OR 9 FOR FULL TEXT )  
**Dramatic results with brain grafts. (Parkinson's disease)**

Lewin, Roger  
Science , v231 , p245(3)  
July 17 ,  
1987

**Publication Format:** Magazine/Journal  
ISSN: 0036-8075

**Language:** English

**Record Type:** Fulltext   **Target Audience:** Academic

**Word Count:** 2611    **Line Count:** 00251

...nigral cells into the caudate nucleus of their brains.

However, because of the problems associated with **obtaining** suitable human nigral cell **implants**--which must come from early **fetuses**--attention switched to using adrenal **tissue**, for which the Parkinson's patient could be his own donor. The central part of  
...

**Dialog eLink:**

**USPTO Full Text Retrieval Options**

23/3,K/19 (Item 1 from file: 444)  
DIALOG(R)File 444: New England Journal of Med.  
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00105712  
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**Prenatal Diagnosis -- Advances Bring New Challenges (Editorial)**

Mennuti, Michael T.  
The New England Journal of Medicine  
Mar 9 , 1989 ; 320 (10),pp 661-663  
**Line Count:** 00277    **Word Count:** 03829

**Text:**

...pregnancies with a placenta inaccessible to the transcervical approach have led to the development of **transabdominal chorionic villus** sampling. Much like amniocentesis, this procedure is performed with a needle guided into the placenta...

## Cited References

...amniocentesis: first report. Lancet 1989; 1:1-6.

5. Brambati B, Lanzani A, Oldrini A. **Transabdominal chorionic villus** sampling: clinical experience of 1159 cases. Prenat Diagn 1988; 8:609-17. Sselman SE, et...

...amniocentesis: first report. Lancet 1989; 1:1-6.

5. Brambati B, Lanzani A, Oldrini A. **Transabdominal chorionic villus** sampling: clinical experience of 1159 cases. Prenat Dia

23/3,K/20 (Item 1 from file: 129)

DIALOG(R)File 129: PHIND(Archival)

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00158438

**Transabdominal CVS (chorionic villus sampling) preferred:**

Clinica 300 p 22 , May 18, 1988 (19880518)

**Story Type: B Word Count: 94**

**Transabdominal CVS (chorionic villus sampling) preferred:**

Patients undergoing chorionic villus sampling preferred the

transabdominal to the transcervical technique, a study of patients

who had undergone both methods found (The...